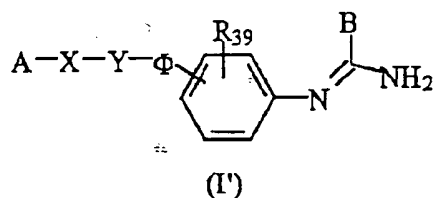


**Listing of Claims:**

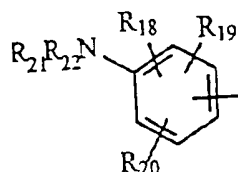
**Claims 2-13 (cancelled)**

**Claim 14 (new)** A compound of general formula (I')



wherein

A is



$R_{18}$ ,  $R_{19}$  and  $R_{20}$  are independently selected from the group consisting of hydrogen, halogen,  $-OH$ ,  $SR_{23}$ , alkyl or alkoxy of 1 to 6 carbon atoms, alkenyl of up to 6 carbon atoms and  $-NR_{24}R_{25}$ ,  $R_{21}$  and  $R_{22}$  are independently selected from the group consisting of hydrogen and alkyl of 1 to 6 carbon atoms, or  $R_{21}$  and  $R_{22}$  form together with the nitrogen atom an optionally substituted heterocycle having 4 to 7 members and 1 to 3 heteroatoms including the already present nitrogen atom, the additional heteroatoms being independently selected from the group consisting of O, N and S, or furthermore  $R_{21}$  is

selected from the group consisting of alkylsulfonyl, alkylsulfoxide and alkylcarbonyl and then  $R_{22}$  is hydrogen,  $R_{23}$  is hydrogen or alkyl of 1 to 6 carbon atoms,  $R_{24}$  and  $R_{25}$  are independently selected from the group consisting of hydrogen, OH, alkyl of 1 to 6 carbon atoms and  $-CO-R_{26}$ ,  $R_{26}$  is alkyl of 1 to 6 carbon atoms,

B is selected from the group consisting of alkyl of 1 to 6 carbon atoms,  $-NR_{34}R_{35}$ , carbocyclic or heterocyclic aryl with 5 or 6 members containing from 1 to 4 heteroatoms selected from the group consisting of O, S and N, the aryl radical being optionally substituted by at least one member selected from the group consisting of alkyl or alkoxy of 1 to 6 carbon atoms and alkenyl of up to 6 carbon atoms,

$R_{34}$  and  $R_{35}$  are independently selected from the group consisting of hydrogen and alkyl of 1 to 6 carbon atoms, or  $R_{34}$  and  $R_{35}$  form together with the nitrogen atom a non-aromatic heterocycle with five to six members, each of the elements of the chain being selected from the group consisting of  $-CH_2-$ ,  $-NH-$ ,  $-O-$  and  $-S-$ ,

X is selected from the group consisting of a bond,  $-(CH_2)_m-$ ,  $-(CH_2)_m-CO-$ ,  $-O-(CH_2)_m-$ ,  $-S-(CH_2)_m-$ ,  $-NR_{36}-(CH_2)_m-$ ,  $-CO-NR_{36}-$ ,  $-O-(CH_2)_m-CO-$ ,  $-S-(CH_2)_m-CO-$ ,  $-NR_{36}-(CH_2)_m-CO-$ ,  $-(CH_2)_m-C(OH)(CH_3)-CO-$ ,  $-CH=CH$  and  $-CH=N-$ ,

Y is selected from the group consisting of a bond,  $-(CH_2)_n-$  and  $-(CH_2)_r-Q-(CH_2)_s-$ ,

Q is selected from the group consisting of piperazine, homopiperazine, 2-methylpiperazine, 2,5-dimethylpiperazine, piperidine, 1,2,3,6-tetrahydropyridine, pyrrolidine, azetidine, thiazolidine and a saturated carbon ring having 3 to 7 members,

$\Phi$  is selected from the group consisting of a bond,  $-(CH_2)_p-O-(CH_2)_q-$ ,  $-(CH_2)_p-S-(CH_2)_q-$ ,  $-(CH_2)_p-NR_{37}-(CH_2)_q-$ ,  $-(CH_2)_p-CO-NR_{37}-(CH_2)_q-$ , and  $-CO(CH_2)_p-NR_{37}-(CH_2)_q-$ ,

$R_{36}$  and  $R_{37}$  are independently selected from the group consisting of hydrogen, alkyl of 1 to 6 carbon atoms and  $-CO-R_{38}$ ,  $R_{38}$  is alkyl or alkoxy of 1 to 6 carbon atoms,

$R_{39}$  is selected from the group consisting of hydrogen and alkyl or alkoxy of 1 to 6 carbon atoms,

m, n, p, q, r and s are independently integers from 0 to 6,

and its pharmaceutically acceptable salts.

**Claim 15 (new)** A compound of claim 14 wherein  $R_{18}$ ,  $R_{19}$  and  $R_{20}$  are independently selected from the group consisting of hydrogen, OH and alkyl or alkoxy of 1 to 6 carbon atoms,  $R_{21}$  and  $R_{22}$  are independently selected from the group consisting of hydrogen and alkyl of 1 to 6 carbon atoms, or  $R_{21}$  and  $R_{22}$  form together with the nitrogen atom an optionally substituted heterocycle having 4 to 7 members and 1 to 3 heteroatoms including the already present nitrogen atom, the additional heteroatoms being

independently selected from the group consisting of O, N and S, or  $R_{21}$  is alkylsulfonyl or alkylcarbonyl and  $R_{22}$  is hydrogen,

B is selected from the group consisting of alkyl of 1 to 6 carbon atoms, carbocyclic or heterocyclic aryl with 5 or 6 members containing from 1 to 4 heteroatoms selected from O, S and N, the aryl radical being optionally substituted by at least one member selected from the group consisting of alkyl or alkoxy of 1 to 6 carbon atoms and alkenyl of up to 6 carbon atoms,

X is selected from the group consisting of a bond or  $-(CH_2)_m-$ ,  $-(CH_2)_m-CO-$ ,  $-O-(CH_2)_m-$ ,  $-S-(CH_2)_m-$ ,  $-NR_{36}-(CH_2)_m-$ ,  $-CO-NR_{36}-$ ,  $-O-(CH_2)_m-CO-$ ,  $-S-(CH_2)_m-CO-$ ,  $-NR_{36}-(CH_2)_m-CO-$  and  $-(CH_2)_m-C(OH)(CH_3)-CO-$ ,

Y is selected from the group consisting of a bond,  $-(CH_2)_n-$  and  $-(CH_2)_r-Q-(CH_2)_s-$ ,

Q is selected from the group consisting of piperazine, piperidine, 1,2,3,6-tetrahydropyridine, azetidine, thiazolidine and a saturated carbon ring having 3 to 7 members,

$\Phi$  is a bond or  $-(CH_2)_p-O-(CH_2)_q-$ ,

$R_{36}$  and  $R_{37}$  are independently selected from the group consisting of hydrogen, alkyl of 1 to 6 carbon atoms and  $-CO-R_{38}$  in which  $R_{38}$  is alkyl or alkoxy of 1 to 6 carbon atoms;

R<sub>39</sub> is selected from the group consisting of hydrogen and alkyl and alkoxy of 1 to 6 carbon atoms,

m, n, p, q, r and s are independently integers from 0 to 6;

and a salt thereof.

**Claim 16 (new)** A compound of claim 14, wherein B is selected from the group consisting of thiophene, furan, pyrrole and thiazole.

**Claim 17 (new)** A compound of claim 16 wherein B is thiophene.

**Claim 18 (new)** A compound of claim 14 wherein R<sub>21</sub> is alkyl of 1 to 6 carbon atoms and R<sub>22</sub> is alkyl of 1 to 6 carbon atoms.

**Claim 19 (new)** A compound of claim 14 wherein R<sub>39</sub> is hydrogen.

**Claim 20 (new)** A compound of claim 14 selected from the group consisting of

- 2-amino-N-(4-{{[amino(2-thienyl)methylidene]amino}phenethyl})-5-methoxybenzamide;
- 5-amino-N-(4-{{[amino(2-thienyl)methylidene]amino}phenethyl})-2-hydroxybenzamide;
- 4-(4-{{[amino(2-thienyl)methylidene]amino}phenyl})-N-{4-[(methylsulphonyl)amino]phenyl}butanamide;
- 4-(4-{{[amino(2-thienyl)methylidene]amino}phenyl})-N-[4-(dimethylamino)phenyl]butanamide;
- 5-(4-{{[amino(2-thienyl)methylidene]amino}phenyl})-N-[4-(dimethylamino)phenyl]pentanamide;
- (4*R*)-2-(3-{{[amino(2-thienyl)methylidene]amino}-phenyl})-N-[4-(dimethylamino)phenyl]-1,3-thiazolidine-4-carboxamide;
- *tert*-butyl 3-{{[amino(2-thienyl)methylidene]amino}benzyl}{3-[4-(dimethylamino)anilino]-3-oxopropyl}carbamate;
- 3-[(3-{{[amino(2-thienyl)methylidene]amino}-benzyl})amino]-N-[4-(4-methyl-1-piperazinyl)phenyl]propanamide;
- 3-[(3-{{[amino(2-thienyl)methylidene]amino}-benzyl})amino]-N-[4-(4-morpholinyl)phenyl]propanamide;
- N'-[4-(2-{{[5-(dimethylamino)-2-hydroxybenzyl]amino}ethyl}phenyl)-2-thiophenecarboximidamide;
- N-(4-{{[(4-{{[amino(2-thienyl)methylidene]amino}phenethyl)-amino]methyl}phenyl]acetamide;
- N'-[4-(2-{{[5-(dimethylamino)-2-hydroxy-3-methoxybenzyl]amino}-ethyl}phenyl)-2-thiophenecarboximidamide;
- N'-{4-[2-({[4-(dimethylamino)anilino]carbonyl}amino)-ethyl]phenyl}-2-thiophenecarboximidamide;
- N'-[4-{2-[[5-(dimethylamino)-2-hydroxy-3-methoxybenzyl]-(methyl)amino]ethyl}phenyl]-2-thiophenecarboximidamide;

and the pharmaceutically acceptable salts of the latter.

**Claim 21 (new)** A method of inhibiting NO synthase in a patient in need thereof comprising administering to said patient a therapeutically effective amount of a compound of claim 14.

**Claim 22 (new)** A method of inhibiting lipidic peroxidation in a patient in need thereof comprising administering to said patient a therapeutically effective amount of a compound of claim 14.

**Claim 23 (new)** A method of inhibiting both NO synthase and lipidic peroxidation in a patient in need thereof comprising administering to said patient a therapeutically effective amount of a compound of claim 14.

**Claim 24 (new)** A method of treating a neurodegenerative disease in a patient in need thereof comprising administering to said patient a therapeutically effective amount of a compound of claim 14.

**Claim 25 (new)** The method of claim 24 wherein the neurodegenerative disease is selected from the group consisting of Alzheimer's disease, Huntington's chorea, Parkinson's disease, Creutzfeld Jacob disease and amyotrophic lateral sclerosis.